S
553.28
O1S
MAR 1966

SHELVED WITH PERIODICALS

STATE DOCUMENTS

Montana State Library
3 0864 1006 0088 4

MAY 27 1966

Montana Oil and Gas STATISTICAL BULLETIN

DISCARDED
MAY 1 1969
LIBRARY
UNIVERSITY of MONTANA

ADMINISTRATORS
JAMES F. NEELY
EXECUTIVE SECRETARY
JOHN H. RISKEN
ATTORNEY
GORDON D. LANOUETTE
PETROLEUM ENGINEER
BILLY B. LANE
GEOLOGIST
NORMAN J. BEAUDRY
ACCOUNTANT

COMMISSIONERS
ALLEN ZIMMERMAN, CHAIRMAN
BOX 277
POPLAR, MONTANA
E. G. BALSAM, VICE CHAIRMAN
2300 PEARL
MILES CITY, MONTANA
WINSTON L. COX
2512 RAYMOND PLACE
BILLINGS, MONTANA
LYLE KASSEL
142 - 3RD SOUTH
SHELBY, MONTANA
CLYDE BREWER
P. O. BOX 294
ROUNDUP, MONTANA

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIV, No. 3 — 3 — March, 1966

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1966, averaged 96,175 barrels daily, a decrease of 1,240 barrels from the average February production of 97,415.

The nine refineries in state processed 91,496 barrels of crude oil daily for the month of March, 1966, a decrease of 4,423 barrels from the 95,919 barrels processed daily during the month of February, 1966.

During March, 31 wells were completed, 13 oil, 1 gas well and 17 dry holes.

During March, the commission issued 39 permits to drill new wells, an increase of 10 from 29 permits issued during February.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF MARCH, 1966

IN STORAGE MARCH 1st	
By Producers	353,895
By Transporters	1,021,791
By Refiners	610,572
TOTAL STORAGE	1,986,258
Produced in Montana During Month	2,981,431
Imported During Month	1,972,985
TOTALS	6,940,674
DISPOSITION:	
Refined in Montana	2,836,397
Exported	2,022,463
Used for Fuel or Lost	10,625
TOTAL	4,869,485
IN STORAGE MARCH 31st:	
By Producers	347,070
By Transporters	1,048,199
By Refiners	675,920
TOTAL STORAGE	2,071,189

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1966

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	103,971
Bowdoin	225,659
Bowes	52,228
Cabin Creek	99,789
Cedar Creek	307,518
Cut Bank (Including Reagan)	678,073
Devon	0
Dry Creek	165,769
Elk Basin	31,033
Flat Coulee	3,865
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	2,795
Keith Block	483,888
Kevin Sunburst	74,680
Lake Basin	111,118
Middle Butte	7,878
Mt. Lilly	23,724
Pine	64,552
Plevna	13,536
Utopia	95,822
Whitlash	146,998
Miscellaneous	107,087
TOTAL	2,799,983

Total withdrawals for March, 1965 were 2,725,101 M Cu. Ft.

PRODUCERS REPORT—MONTH OF MARCH, 1966

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	2	419	6,500	.....	6,500	.....	419
4	Bannatyne	5	1,494	233	.....	.....	.....	1,727
1	Bascom	1	206	67	.....	.....	.....	273
4	Bear's Den	5	1,474	1,837	.....	1,763	.....	1,548
1	Belfry	1	211	84	.....	.....	.....	295
1	Benrud	1	451	1,905	2,239	.....	.....	117
1	Benrud East	1	1,114	8,628	8,666	.....	.....	1,076
1	Benrud Northeast	1	1,085	13,200	13,698	.....	.....	587
8	Big Wall	26	2,749	18,519	18,719	.....	.....	2,549
6	Blackfoot	9	1,195	4,091	1,168	2,295	.....	1,823
1	Blackfoot East	1	716	11	.....	.....	.....	727
1	Border	1	.....	1,540	.....	1,540	.....	.....
1	Bowes	51	7,889	15,809	17,963	.....	.....	5,735
2	Bradley	2	622	859	705	.....	.....	776
....	Brady	....	72	.....	.....	.....	.....	72
1	Bynum	1	271	.....	.....	196	.....	75
2	Cabin Creek	103	6,536	265,272	265,329	.....	.....	6,479
16	Cat Creek	87	2,185	15,086	14,484	.....	.....	2,787
....	Clark's Fork	....	75	.....	.....	.....	.....	75
3	Conrad South	5	814	674	674	.....	.....	814
1	Cupton	1	1,655	853	.....	826	.....	1,682
182	Cut Bank	1,075	104,144	319,728	314,318	5,217	3,073	101,264
3	Deer Creek	3	2,267	4,053	5,254	.....	.....	1,066
1	Delphia	1	137	7	.....	.....	.....	144
....	Devil's Basin	....	451	.....	.....	.....	.....	451
1	Dry Creek	1	90	149	.....	189	.....	50
14	Dwyer	15	5,224	31,478	31,720	.....	.....	4,982
4	Elk Basin	56	1,917	254,191	254,391	.....	.....	1,717
5	Elk Basin Northwest	16	2,497	22,306	22,013	.....	.....	2,790
1	Fairview	1	1,334	16,354	.....	16,214	.....	1,474
3	Fertile Prairie	3	1,287	1,933	.....	2,208	.....	1,012
24	Flat Coulee	30	4,860	25,371	23,712	1,537	.....	4,982
24	Flat Lake	37	7,318	102,833	103,914	.....	(100)	6,337
2	Frannie	2	.....	1,269	1,269	.....	.....	.....
15	Fred & George Creek	38	1,685	144,407	142,621	1,431	.....	2,040
1	Gage	1	375	570	.....	338	.....	607
1	Gage Southwest	1	187	170	.....	126	.....	231
4	Gas City	28	3,775	52,713	37,525	10,386	.....	8,577
9	Glendive	15	3,752	45,887	41,558	3,157	.....	4,924
19	Goose Lake	21	4,117	68,480	69,213	.....	.....	3,384
6	Graben Coulee	15	2,609	10,328	7,338	865	73	4,661
....	Grandview	....	112	.....	.....	.....	.....	112
5	Gypsy Basin	7	6,914	1,500	.....	1,500	.....	6,914
1	Hibbard	1	281	539	.....	488	.....	332
8	Ivanhoe	14	4,229	22,114	22,651	.....	62	3,630
9	Keg Coulee	24	5,088	22,926	22,468	.....	.....	5,546
2	Keg Coulee North	2	675	2,784	2,667	.....	.....	792
115	Kevin Sunburst	639	18,728	34,684	36,079	.....	.....	17,333
2	Little Beaver	24	3.515	18,335	18,791	549	465	2,045
2	Little Beaver East	14	2,000	16,580	16,757	.....	.....	1,823
2	Lodge Grass	2	1,600	1,763	.....	1,989	.....	1,374
3	Lone Tree	3	1,456	5,410	.....	6,108	.....	758
24	Lookout Butte	67	3,410	129,652	128,243	.....	999	3,820
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	581	947	1,346	.....	.....	182
2	Melstone	5	1,012	2,525	2,255	.....	.....	1,282
1	Mineral Bench	1	563	4,241	4,084	.....	.....	720
2	Miner's Coulee	2	.....	1,302	905	.....	.....	397
6	Monarch	12	3,121	13,247	13,139	.....	.....	3,229
3	Mosser	3	.....	581	.....	581	.....	.....
7	Outlook	12	6,583	46,425	46,463	.....	.....	6,545
2	Outlook South	2	988	1,855	1,410	.....	.....	1,433
67	Pennel	113	4,981	182,072	183,048	.....	169	3,836
4	Pine	125	15,207	340,841	341,246	.....	.....	14,802
4	Pole Creek	6	1,164	2,146	.....	2,631	.....	679
67	Pondera	309	8,707	29,633	29,464	.....	.....	8,876
5	Poplar East	72	10,141	81,894	80,205	.....	92	11,738
4	Poplar Northwest	5	1,913	1,773	1,887	.....	.....	1,799
1	Prairie Elk	1	1,188	263	.....	735	27	689
4	Ragged Point	13	1,740	4,630	4,897	.....	.....	1,473
2	Ranch Creek	2	921	1,884	.....	2,231	2	572
4	Reagan	43	2,242	17,587	17,409	.....	.....	2,420
1	Red Creek	27	317	27,565	27,386	175	.....	321
1	Redstone	1	497	916	772	.....	.....	641
1	Repeat	1	210	1,523	.....	1,542	.....	191
1	Richey	1	2,121	425	662	.....	.....	1,884
6	Richey Southwest	8	3,452	10,874	.....	10,670	.....	3,656
4	Sand Creek	5	.....	6,869	6,869	.....	.....	.....
1	Shotgun Creek	1	143	207	.....	263	.....	87
2	Sidney-Brorson	2	2,275	1,000	.....	1,000	.....	2,275
2	Snyder	4	2,227	721	.....	638	.....	2,310
5	Soap Creek	9	5,356	4,301	.....	3,864	.....	5,793
1	Spring Lake	2	3,488	6,984	.....	7,658	.....	2,814
2	Stensvad	24	5,656	32,718	32,479	.....	.....	5,895
30	Sumatra	87	10,393	69,541	69,962	.....	.....	9,972
5	Tule Creek	7	2,273	43,327	.....	43,569	.....	2,031
2	Tule Creek East	2	279	31,782	22,914	8,890	.....	257
1	Tule Creek South	1	738	3,896	.....	3,815	.....	819
2	Vida	2	599	2,705	.....	2,291	.....	1,013
4	Volt	6	1,814	23,652	23,283	.....	.....	2,183
7	Weldon	18	8,635	199,982	205,292	.....	.....	3,325
14	Whitlash	41	6,713	21,295	17,543	1,916	.....	8,549
1	Whitlash West	1	140	217	217	.....	.....	140
2	Wills Creek South	2	1,330	8,774	8,836	.....	.....	1,268
8	Wolf Springs	12	4,601	28,740	29,857	.....	.....	3,484
3	Woodrow	4	623	4,877	5,000	.....	.....	500
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
....	Wildcat, Glacier County	....	126	.....	.....	.....	.....	126
....	Wildcat, Liberty County	....	305	.....	.....	.....	.....	305
1	Wildcat, Roosevelt County	1	271	561	.....	526	.....	306
1	Wildcat, Sheridan County	1	174	451	.....	.....	.....	625
844	Total	3,458	353,895	2,981,431	2,824,977	158,417	4,862	347,070

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1965	32,778,118	89,803	32,787,648	89,829
January, 1966	2,908,090	93,809	2,863,704	92,377
February, 1966	2,727,627	97,415	2,742,297	97,939
March, 1966	2,981,431	96,175	2,983,394	96,238

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1965	331,221	946,634	498,990	1,776,845
January, 1966	368,253	1,035,310	576,373	1,979,936
February, 1966	353,895	1,021,791	610,572	1,986,258
March, 1966	347,070	1,048,199	675,920	2,071,189

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF MARCH, 1966

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck	.....	.....	6,500	.....	.....	.....	6,500	.....	.....
BEAR'S DEN—Truck	.....	.....	1,763	.....	.....	.....	.....	1,763	.....
BIG WALL—Continental Pipeline Co.	.....	18,719	.....	.....	.....	18,719	.....	.....	.....
BLACKFOOT—									
Union Oil Co.	.....	1,168	.....	.....	.....	1,168	.....	.....	.....
Thompson Crude Purchasing	.....	.....	2,295	.....	.....	2,295	.....	.....	.....
	.....	1,168	2,295	.....	.....	3,463	.....	.....	.....
BORDER—Truck	.....	.....	1,540	.....	.....	.....	1,540	.....	.....
BOWES—Texaco Inc.	.....	17,963	.....	.....	.....	17,963	.....	.....	.....
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	345,587	896,176	36,179	832,545	.....	.....	1,774,860	.....	335,627
Shell Pipeline Co.	4,719	342,304	.....	1,077	(18)	.....	.....	343,823	4,295
	350,306	1,238,480	36,179	833,622	(18)	.....	1,774,860	343,823	339,922
CAT CREEK—Continental Pipeline Co.	.....	12,834	.....	.....	.....	12,834	.....	.....	.....
CUT BANK—									
Darling Gathering System, Inc.	6,996	46,177	.....	.....	.....	.....	.....	44,308	8,865
Continental Pipeline Co.	.....	.....	7,953	372,759	.....	380,712	.....	.....	.....
Phillips Petroleum Co.	89,976	63,681	.....	56,499	451	128,580	.....	.....	81,125
Texas Pipeline Co.	19,117	55,239	.....	33,821	47	.....	.....	90,685	17,445
Union Oil Co.	69,299	84,103	.....	9,293	211	99,854	.....	.....	62,630
Western Oil Trans. Co.	31,226	60,573	.....	136,457	606	.....	.....	200,983	26,667
Western Oil Trans. (Moulton)	.....	106,587	.....	.....	1,066	.....	.....	105,521	.....
	216,614	416,360	7,953	608,829	2,381	609,146	.....	441,497	196,732
DRY CREEK—Truck	.....	.....	189	.....	.....	189	.....	.....	.....
DWYER—Portal Pipeline Co.	.....	31,684	.....	.....	.....	.....	31,684	.....	.....
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.	.....	275,243	.....	.....	.....	275,243	.....	.....	.....
FAIRVIEW—Rock Island Oil & Ref. Co.	.....	.....	16,214	.....	195	.....	16,019	.....	.....
FLAT COULEE—									
Camerland Cardinal Corp.	.....	21,859	1,537	.....	.....	.....	.....	23,396	.....
FLAT LAKE—Portal Pipeline Co.	.....	102,754	.....	.....	.....	.....	102,754	.....	.....
FRANNIE—Interstate Pipeline Co.	.....	1,269	.....	.....	.....	.....	1,269	.....	.....
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	7,114	141,516	1,431	.....	.....	.....	.....	126,199	23,862
GAGE & GAGE S.W.—Truck	.....	.....	464	.....	.....	464	.....	.....	.....
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	11,010	47,499	.....	.....	404	.....	.....	45,287	12,818
GOOSE LAKE—Portal Pipeline Co.	.....	68,409	.....	.....	.....	.....	68,409	.....	.....
HIBBARD—Truck	.....	.....	488	.....	.....	488	.....	.....	.....
IVANHOE—Continental Pipeline Co.	.....	22,652	.....	.....	.....	22,652	.....	.....	.....
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.	.....	23,894	.....	.....	.....	16,648	7,246	.....	.....
KEVIN SUNBURST—									
Big West Oil Co.	5,312	37,689	.....	.....	.....	37,689	.....	.....	5,312
Homestake Oil & Gas Co.	2,533	1,670	.....	24,377	.....	25,521	.....	.....	3,059
Texas Pipeline Co.	8,272	14,696	.....	.....	321	.....	.....	14,009	8,638
	16,117	54,055	.....	24,377	321	63,210	.....	14,009	17,009
LODGE GRASS—McWood Corp.	.....	.....	1,989	.....	.....	1,989	.....	.....	.....
LONE TREE—Truck	.....	.....	6,108	.....	.....	.....	6,108	.....	.....
MASON LAKE—Continental Pipeline Co.	.....	1,345	.....	.....	.....	1,345	.....	.....	.....
MELSTONE—Continental Pipeline Co.	.....	2,255	.....	.....	.....	2,255	.....	.....	.....
MOSSER—Truck	.....	.....	581	.....	.....	.....	.....	581	.....
POLE CREEK—Truck	.....	.....	2,631	.....	.....	.....	2,631	.....	.....
PONDERA—Phillips Petr. Co.	6,812	30,048	.....	.....	843	22,869	.....	.....	13,148
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	19,672	240,864	.....	.....	383	.....	.....	248,133†	12,020
RAGGED POINT—									
Continental Pipeline Co.	.....	4,898	.....	.....	.....	4,898	.....	.....	.....
RANCH CREEK—									
Rock Island Oil & Ref. Co.	.....	.....	2,231	.....	.....	.....	2,231	.....	.....
RED CREEK—									
Western Oil Transportation Co.	.....	27,561	.....	.....	277	.....	.....	27,284	.....
SHOTGUN CREEK—Truck	.....	.....	263	.....	.....	.....	263	.....	.....
SIDNEY-BRORSON—McWood Corp.	3,351	.....	1,000	4,762	.....	.....	.....	6,463	2,650
SNYDER—Truck	.....	.....	638	.....	.....	638	.....	.....	.....
SOAP CREEK—McWood Corp.	1,398	.....	3,864	1,772	.....	.....	.....	7,008	26
SPRING LAKE—									
Rock Island Oil & Ref. Co.	.....	.....	7,658	.....	.....	.....	7,658	.....	.....
SUMATRA & STENSVAD—									
Continental Pipeline Co.	382,941	103,375	.....	478,757	704	84,331	.....	450,026	430,012
TULE CREEK—Tesoro Petr. Corp.	6,456	.....	52,459	.....	.....	58,915	.....	.....	.....
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.	.....	17,218	1,916	.....	.....	7,775	.....	11,359	.....
WOLF SPRINGS—									
Continental Pipeline Co.	.....	29,754	.....	.....	.....	29,754	.....	.....	.....
WILDCAT WELLS—Truck	.....	.....	526	.....	.....	526	.....	.....	.....
TOTALS	1,021,791	2,953,676	158,417	1,952,119	5,490	1,256,314	2,029,172	1,746,828	1,048,199

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MARCH, 1966

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	18,719	.....	.....	.....	.....	.....	18,719
Bowes	.....	.....	22,119	.....	.....	.....	.....	.....	.....	22,119
Cat Creek	.....	796	.....	11,738	.....	25	.....	.....	.....	12,559
Cut Bank	41,388	.....	.....	.....	.....	.....	70,000	.....	31,259	142,647
Elk Basin	.....	103,748	.....	68,608	102,886	.....	.....	.....	.....	275,242
Gage & Gage S.W.	.....	.....	.....	.....	.....	14	.....	.....	.....	14
Hibbard	.....	.....	.....	.....	.....	19	.....	.....	.....	19
Ivanhoe	.....	22,652	.....	.....	.....	.....	.....	.....	.....	22,652
Keg Coulee	.....	6,139	.....	12,296	.....	.....	.....	.....	.....	18,435
Kevin Sunburst	.....	.....	.....	.....	.....	.....	.....	.....	63,210	63,210
Lodge Grass	.....	1,989	.....	.....	.....	.....	.....	.....	.....	1,989
Mason Lake	.....	1,345	.....	.....	.....	.....	.....	.....	.....	1,345
Melstone	.....	.....	.....	2,255	.....	.....	.....	.....	.....	2,255
Pondera	.....	.....	.....	.....	.....	.....	22,869	.....	.....	22,869
Ragged Point	.....	4,898	.....	.....	.....	.....	.....	.....	.....	4,898
Red Creek	.....	.....	.....	.....	64,357	.....	.....	.....	.....	64,357
Richey Southwest	.....	.....	.....	.....	.....	6	.....	.....	.....	6
Sand Creek	.....	.....	.....	.....	.....	24	.....	.....	.....	24
Snyder	.....	638	.....	.....	.....	.....	.....	.....	.....	638
Sumatra & Stensvad	.....	17,942	.....	66,389	15,009	.....	.....	.....	.....	99,340
Tule Creek	.....	.....	.....	.....	.....	.....	.....	52,546	.....	52,546
Whitlash	7,775	.....	.....	.....	.....	.....	.....	.....	.....	7,775
Wolf Springs	.....	.....	.....	.....	29,754	.....	.....	.....	.....	29,754
Total Montana Oil	49,163	160,147	22,119	180,005	212,006	88	92,869	52,546	94,469	863,412
Canadian Oil Imported	.....	404,135	.....	.....	.....	.....	.....	.....	1,470	405,605
Wyoming Oil Imported	.....	317,273	.....	346,932	903,153	22	.....	.....	.....	1,567,380
Total Montana, Canadian and Wyoming Oil	49,163	881,555	22,119	526,937	1,115,159	110	92,869	52,546	95,939	2,836,397

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1965	32,792	12,751	44,980	90,523
March, 1965	37,965	12,906	38,717	89,588
March, 1966	27,852	13,084	50,560	91,496

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
36.22%	14.10%	49.68%
42.37%	14.42%	43.21%
30.44%	14.31%	55.25%